

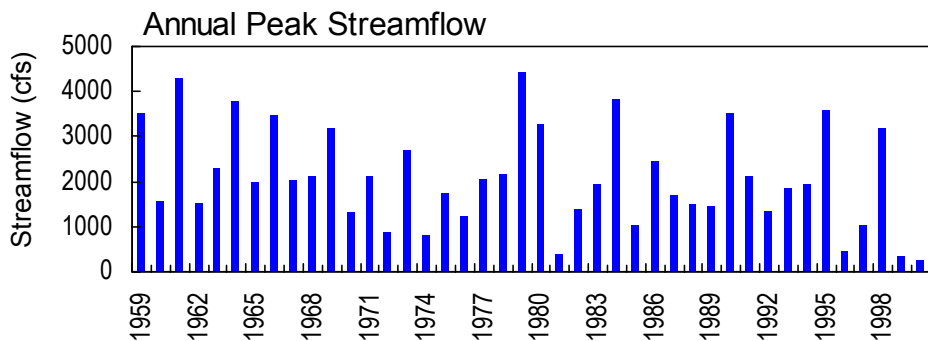
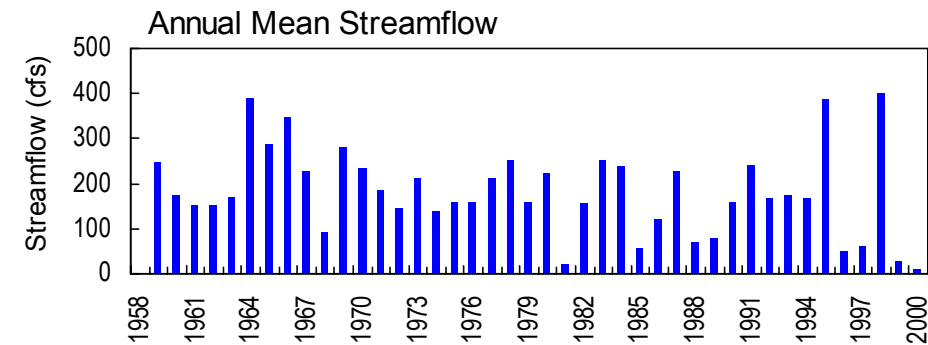
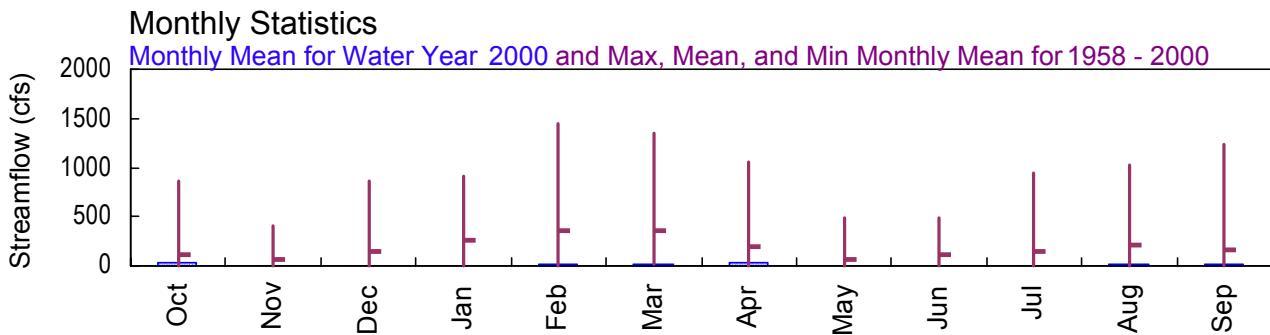
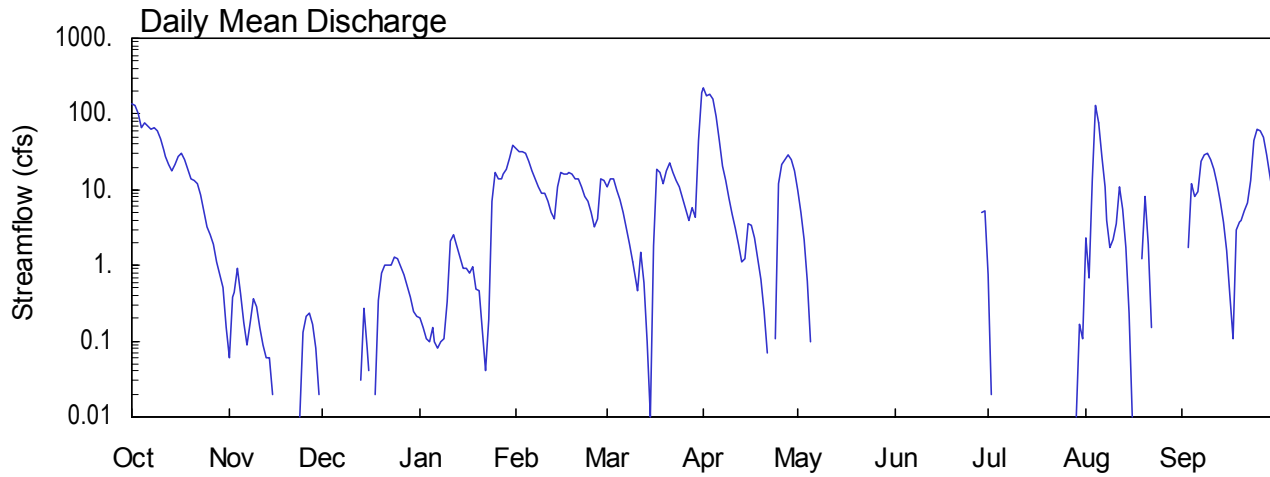


## ALTAMAHA RIVER BASIN

2000 Water Year

### 02226100 PENHOLOWAY CREEK NEAR JESUP, GA

Latitude: 31° 34' 00" Longitude: 81° 50' 18" Hydrologic Unit Code: 03070106 Wayne County  
Drainage Area: 210 mi<sup>2</sup> Datum: 19.09 feet Period of Record: 1958 - 2000



02226100 - Penholoway Creek near Jesup, GA - October 4, 1972

**ALTAMAHA RIVER BASIN  
2000 Water Year**

**02226100 PENHOLOWAY CREEK NEAR JESUP, GA**

**LOCATION.**--Lat 31°34'00", long 81°50'18", Wayne County, Hydrologic Unit 03070106, on downstream side of bridge on U.S. Highway 341, 4 miles southeast of Jesup, and about 9.5 miles upstream from mouth.

**DRAINAGE AREA.**--210 mi<sup>2</sup>, approximately.

**WATER-DISCHARGE RECORDS**

**PERIOD OF RECORD.**--July 1958 to current year.

**GAGE.**--Water-stage recorder. Datum of gage is 19.09 feet above sea level. Since May 6, 1966, auxiliary water-stage recorder at highway bridge, 2.5 miles downstream.

**REMARKS.**--Records good to fair, except those less than 20 ft<sup>3</sup>/s, which are fair to poor.

**PEAK DISCHARGES FOR CURRENT YEAR.**--Peak discharges above base of 1,000 ft<sup>3</sup>/s and maximum (\*):

DATE	TIME	DISCHARGE (ft <sup>3</sup> /s)	GAGE HEIGHT (ft)
Mar. 31	2300	235*	8.46*
No other peaks greater than base discharge			

STATION NUMBER 02226100 PENHOLOWAY CREEK NEAR JESUP, GA STREAM SOURCE AGENCY USGS  
 LATITUDE 313400 LONGITUDE 0815018 DRAINAGE AREA 210.00 DATUM 19.09 STATE 13 COUNTY 305

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	136	.06	.00	.20	35	11	217	10	.00	.74	2.3	.00
2	131	.39	.00	.15	32	14	178	5.1	.00	.02	.69	.00
3	102	.45	.00	.11	32	14	181	2.2	.00	.00	13	1.7
4	67	.92	.00	.10	30	10	155	.62	.00	.00	128	12
5	77	.43	.00	.15	24	7.4	91	.10	.00	.00	75	8.3
6	68	.18	.00	.10	18	4.9	44	.00	.00	.00	28	9.5
7	63	.09	.00	.08	14	3.1	21	.00	.00	.00	11	24
8	67	.18	.00	.10	11	1.9	13	.00	.00	.00	3.9	29
9	61	.37	.00	.11	8.9	1.1	7.7	.00	.00	.00	1.7	30
10	48	.29	.00	.33	8.8	.62	4.7	.00	.00	.00	2.2	25
11	34	.15	.00	2.1	7.1	.46	3.1	.00	.00	.00	3.5	19
12	28	.09	.00	2.6	4.9	1.5	1.9	.00	.00	.00	11	12
13	22	.06	.03	1.8	4.1	.58	1.1	.00	.00	.00	5.4	7.2
14	18	.06	.27	1.3	11	.10	1.2	.00	.00	.00	1.7	3.7
15	22	.02	.08	.92	17	.01	3.5	.00	.00	.00	.23	1.6
16	28	.00	.04	.91	16	1.8	3.4	.00	.00	.00	.01	.40
17	30	.00	.00	.78	16	19	2.3	.00	.00	.00	.00	.11
18	25	.00	.02	.97	17	17	1.2	.00	.00	.00	.00	2.9
19	19	.00	.34	.48	16	12	.65	.00	.00	.00	1.2	3.8
20	14	.00	.79	.47	14	18	.25	.00	.00	.00	8.1	4.0
21	13	.00	1.0	.14	14	23	.07	.00	.00	.00	1.9	5.3
22	12	.00	1.0	.04	11	17	.00	.00	.00	.00	.15	6.6
23	8.5	.00	1.0	.19	8.2	13	.00	.00	.00	.00	.00	13
24	5.3	.01	1.3	7.1	7.1	11	.11	.00	.00	.00	.00	45
25	3.2	.13	1.2	17	5.1	7.9	12	.00	.00	.00	.00	64
26	2.5	.21	.94	14	3.2	5.4	22	.00	.00	.00	.00	61
27	1.9	.23	.74	14	4.1	4.0	25	.00	.00	.00	.00	49
28	1.1	.17	.55	16	14	5.9	29	.00	.00	.00	.00	29
29	.74	.08	.38	19	13	4.3	25	.00	4.9	.01	.00	15
30	.52	.02	.25	26	---	44	18	.00	5.3	.17	.00	8.3
31	.15	---	.21	38	---	191	---	.00	---	.11	.00	---
TOTAL	1108.91	4.59	10.14	165.23	416.5	464.97	1062.18	18.02	10.20	1.05	298.98	490.41
MEAN	35.8	.15	.33	5.33	14.4	15.0	35.4	.58	.34	.034	9.64	16.3
MAX	136	.92	1.3	38	35	191	217	10	5.3	.74	128	64
MIN	.15	.00	.00	.04	3.2	.01	.00	.00	.00	.00	.00	.00
CFSM	.17	.00	.00	.03	.07	.07	.17	.00	.00	.00	.05	.08
IN.	.20	.00	.00	.03	.07	.08	.19	.00	.00	.00	.05	.09

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1958 - 2000, BY WATER YEAR (WY)

MEAN	119	57.9	145	260	365	360	192	72.0	110	144	211	158
MAX	869	413	867	916	1450	1342	1050	492	493	941	1031	1234
(WY)	1995	1998	1998	1998	1998	1959	1961	1966	1968	1966	1969	1964
MIN	.000	.000	.33	1.57	1.01	12.8	2.48	.000	.000	.000	.000	.003
(WY)	1973	1992	2000	1989	1989	1999	1967	1990	1964	1988	1988	1981

SUMMARY STATISTICS FOR 1999 CALENDAR YEAR FOR 2000 WATER YEAR WATER YEARS 1958 - 2000

ANNUAL TOTAL	9045.04	4051.18	
ANNUAL MEAN	24.8	11.1	
HIGHEST ANNUAL MEAN			182
LOWEST ANNUAL MEAN			401
HIGHEST DAILY MEAN	338 Feb 5	217 Apr 1	4370 Sep 30 1979
LOWEST DAILY MEAN	.00 Apr 23	.00 Nov 16	.00 Jun 8 1961
ANNUAL SEVEN-DAY MINIMUM	.00 May 16	.00 Nov 16	.00 Jun 8 1961
MAXIMUM PEAK FLOW		235 Mar 31	4420 Sep 30 1979
MAXIMUM PEAK STAGE		8.46 Mar 31	14.96 Sep 30 1979
ANNUAL RUNOFF (CFSM)	.12	.053	.87
ANNUAL RUNOFF (INCHES)	1.60	.72	11.80
10 PERCENT EXCEEDS	81	28	524
50 PERCENT EXCEEDS	3.4	.63	41
90 PERCENT EXCEEDS	.00	.00	.00